

R E M A R K S

Reconsideration of this application, as amended, is respectfully requested.

THE DRAWINGS

Figs. 1, 13, 15 and 22 have been amended to correct the spelling of "CONTROL", as required by the Examiner. In this connection, however, it is noted that Fig. 2 pointed out on page 2 of the Office Action does not include elements 101, 201 and 208 and does not appear to contain a spelling error.

Submitted herewith are corrected sheets of formal drawing which incorporate the amendments.

No new matter has been added, and it is respectfully requested that the Examiner's objection to the drawings be withdrawn.

THE CLAIMS

Claim 7 has been amended to make some minor grammatical improvements, and claims 22 and 23 have been amended to change "EDID" to "Extended Display Identification Data", as required by the Examiner.

No new matter has been added, and it is respectfully requested that the amendments to the claims be approved and entered.

It is respectfully submitted, moreover, that the amendments to the claims are clearly not related to patentability, and do not narrow the scope of the claims either literally or under the doctrine of equivalents.

THE PRIOR ART REJECTION

Claims 1, 3 and 5 were rejected under 35 USC 102 as being anticipated by USP 5,991,085 ("Rallison et al"); and claims 2, 4 and 6-23 were rejected under 35 USC 103 as being obvious in view of the combination of Rallison et al with at least one of USP 6,297,797 ("Takeuchi et al"), USP 4,929,931 ("McCuen") and USP 6,314,479 ("Frederick et al"). These rejections, however, are respectfully traversed.

According to the present invention as recited in independent claim 1, a display system is provided wherein the host apparatus comprises a storing unit for storing power consumption data, and wherein the display apparatus transmits the power consumption data stored in the storing unit to the host apparatus via the communication interface, and the host apparatus processes the received power consumption data and performs power control of the display system based on the processed power consumption data.

Similarly, according to the present invention as recited in independent claim 5, a display system is provided wherein the display apparatus comprises a storing unit for storing power consumption data and display-side communication means for transmitting the power consumption data stored in the storing unit, and wherein the host apparatus comprises host-side communication means for receiving the power consumption data transmitted from the display apparatus the power control means for entirely performing power control of the display system based on the power consumption data received from the host-side communication means.

That is, according to the present invention as recited in independent claims 1 and 5, the display apparatus stores power consumption data and transmits the data to the host apparatus, which controls the power based on the power consumption data.

By contrast, Rallison et al merely discloses the basic structure of a host apparatus, display apparatus, and communication interface. And it is respectfully submitted that Rallison et al does not at all disclose, teach or suggest the features recited in claims 1 and 5 whereby power consumption data is stored and transmitted to the host apparatus and whereby power control is performed based on the power consumption data.

On page 3 of the Office Action, the Examiner asserts that element 504 of Rallison et al corresponds to the power

consumption data of claims 1 and 5 of the present invention. It is respectfully, submitted, however, that Rallison et al merely discloses supplying power 504 (not power consumption data) to the Head Mounted Device (HMD) via the PC interface 506, and that EEPROM 528 merely stores sensor correction data. And it is respectfully submitted that the supply of power 504 in Rallison et al does not at all correspond to or suggest the power consumption data of the claimed present invention.

Accordingly, it is respectfully submitted that Rallison et al does not at all disclose, teach or suggest the features of the present invention as recited in amended claims 1 and 5 whereby the display apparatus stores power consumption data and transmits the data to the host apparatus, which controls the power based on the power consumption data.

According to the present invention as recited in independent claim 7, moreover, a display system is provided which comprises a host apparatus having an image output interface, a display apparatus which is operated by receiving at least a video signal from the host apparatus, and a communication interface for communicating data between the host apparatus and the display apparatus, wherein the display apparatus comprises storing means for storing on-screen display information, and display-side communication means for transmitting the on-screen display information, wherein the host apparatus comprises host-side

communication means for receiving the on-screen display information transmitted by the display apparatus, and information superimposing means for superimposing the received on-screen display information on the video signal, and wherein in the display system, the host-side communication means transmits the video signal superimposed on the on-screen display information, the display-side communication means receives the transmitted signal, and the display apparatus displays an image of the on-screen display information.

On page 3 of the Office Action, the Examiner acknowledges that Rallison et al does not disclose on screen display information means or information superimposing means. For this reason, the Examiner has cited Takeuchi et al for the disclosure of display information means and information superimposing means. It is respectfully submitted, however, that Takeuchi et al merely discloses a method of displaying a closed caption based on information stored on a DVD.

In addition, it is respectfully submitted that Takeuchi et al does not disclose, teach or suggest a display apparatus that comprises storing means for storing on-screen display information and display-side communication means for transmitting the on-screen display information. In fact, Takeuchi et al does not disclose any structural features of the display device which is attached to the computer system.

Accordingly, it is respectfully submitted that even if Rallison et al and Takeuchi et al were combinable in the manner suggested by the Examiner, the present invention as recited in claim 7 would still not be achieved.

Still further, it is noted that the present invention as recited in independent claim 22 provides a microdisplay apparatus which is adapted to be connected to a host apparatus, wherein the microdisplay apparatus comprises memory means for storing monitor request voltage information and monitor current consumption information as specific Extended Display Identification Data information on the microdisplay apparatus, and communication interface means for communicating with the host apparatus and transmitting the monitor request voltage information and the monitor current consumption information to the host apparatus.

On page 7 of the Office Action, the Examiner asserts that the control signals 502 and power 504 of Rallison et al correspond to the claimed monitor request voltage information which is stored by the memory means of the microdisplay apparatus and transmitted by the communication interface means of the microdisplay apparatus of independent claim 22. It is respectfully submitted however, that the control signals 502 do not correspond to monitor request voltage information. In this connection, it is respectfully pointed out that Rallison et al

discloses in the paragraph bridging columns 19 and 20 that the data control signals 502 include video, audio and configuration information transmitted from the computer when the tracker 508 is not attached, and that the data/control signals 502 include positional information about the HMD when the tracker 508 is attached. Clearly, these data signals 502 do not correspond to monitor request voltage information. In addition, it is again respectfully pointed out that the power 504 of Rallison et al is merely power supplied from an AC power source through an AC/DC converter.

In addition, it is noted that the EEPROM 528 and PROM 524 of Rallison et al merely store microprocessor programs and pitch-tilt, roll-tilt and inertial sensor data, not monitor request voltage information and monitor current consumption information as specific Extended Display Identification Data information as according to the present invention as recited in claim 22.

Accordingly, it is respectfully submitted that Rallison et al clearly does not disclose, teach or suggest the features of the present invention as recited in claim 22.

Frederick et al, moreover, has merely been cited for the disclosure of EDID information.

And McCuen has merely been cited for the disclosure of alarm indicators.

In view of the foregoing, it is respectfully submitted that each of independent claims 1, 5, 7 and 22, as well as each of claims 2-4, 6, 8-21 and 23 respectively depending therefrom, all patentably distinguish over Rallison et al, Takeuchi et al, McCuen and Frederick et al, taken singly or in any combination, under 35 USC 102 as well as under 35 USC 103.

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In view of the foregoing, entry of this Amendment, allowance of the claims and the passing of this application to issue are respectfully solicited.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,



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